



Kari Ann Shirey, Ph.D., is an Assistant Professor in the Microbiology and Immunology Department at the University of Maryland School of Medicine. She received her Ph.D. in microbiology from Miami University (Ohio). Her work has focused on the ability of respiratory pathogens, *e.g.*, Respiratory Syncytial Virus, *Francisella tularensis*, and influenza, to elicit alternatively activated macrophages and the how this impacts disease outcome. Dr. Shirey hopes to develop new treatment strategies by manipulating host responses to pathogens. Recently, she published studies showing the potential of blocking TLR4 in influenza-induced acute lung injury and stimulating the 5-lipoxygenase pathway to

ameliorate RSV-mediated pathology.